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(54) Title: PROTEIN PRODUCTION SYSTEM

(57) Abstract: A method for producing competent gene products in human cells, said method comprising the following steps: Providing a DNA construct in which a gene encoding a protein of interest is operably linked to a modified heat-inducible promoter; Introducing said DNA construct into a human cell line, either by transformation or by transfection to form transformed or transfected host cell lines; Subjecting said transformed or transfected cell lines to a transient increase in temperature and permitting the translation to protein to occur after the temperature has been returned to normal growth temperatures of the said host cells, whereby the production of said protein of interest occurs.

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